CONSTRUCTION NEWS

Some of the Week's Large Projects

AMONG the announcements for the current week are the following:

Proposed Work

Gas pipe line, Texas and Louisiana, Dixie Pipe Line Co., plans, $10,000,000.

Sewers, Chicago, Ill., Sanitary Dist., plans, $6,000,000.

Irrigation, Orange Cove, Calif., Foothill Irrigation Dist., plans election, $2,500,000.

Bridge, Paducah, Ky., Paducah Board Trade, takes bids about Aug. 15, $2,100,000.

Hospital, Wauwatosa, Wis., Milwaukee Co., having plans prepared, $2,000,000.

Road improvement, Nashville, Tenn., Davidson Co. voted bonds $1,500,000. Total $3,000,000.

Temple, Kansas City, Mo., Scottish Rite Temple, having preliminary sketches made, $1,500,000.

Club, Chicago, Ill., Hellenic-American Athletic Club, having plans prepared, $1,250,000.

University, Los Angeles, Calif., University of California, having plans prepared, $1,200,000.

Bridge, Amarillo, Tex., Chicago, Rock Island & Pacific Ry. Co., made plans, $1,000,000.

Apartment, Portland, Ore., Rose Holding Co., having plans prepared, $1,000,000.

Amusement center, Newark, N. J., Arena & Amusement Co., Inc., having plans prepared $1,000,000.

Bids Desired

Civil courts, St. Louis, Mo., Aug. 2, by Bd. Pub. Serv., $2,700,000.

Contracts Awarded

Plant, Hopewell, Va., Atmospheric Nitrogen Co., to Stone & Webster, Boston, Mass., $25,000,000.

State Societies building, Long Beach, Calif., All States Building Corp., to Wilson & Bever, Anaheim, $1,500,000.

News of the Week

Waterworks

Proposed Work

W. Va., Parkersburg — Voted $400,000 bonds, waterworks improvements. J. V. Dunbar, Parkersburg, engr.

S. C., Holly Hill—Voted $47,000 bonds, waterworks improvements.

O., Hamilton—Soon takes bids buildings for water-works plant. $83,000.

Mo., Caruthersville—Making preliminary plans extending water distributing system; also extending and repairing sewers in various streets, $35,000.

Okla., Arnett — Voted $15,000 bonds, waterworks, and $15,000 bonds, electric lighting system.

Calif., Beverly Hills—Soon takes bids part 1 and 2 story, 200 x 280 ft., rein.-con. aeration plant, for water system. $200,000. Salisbury, Bradshaw & Taylor, Petroleum Securities Bldg., Los Angeles, engrs. Noted May 5.

Calif., Martinez—Clerk Contra Costa Co., takes bids in August, boring well, installing motor, pump, valves, etc. for Water Works Dist. 1.

Bids Desired

N. Y., Brooklyn — July 26, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Avenue H, Maspeth, Varick, and 19th Aves., here.

N. Y., Brooklyn — July 29, by N. J. Hayes, comr. Water Supply, Gas & Electricity, Municipal Bldg., New York City, mains in Avenues H, O, T, U and Z, Albany, Bath, Bedford and Benson Aves., Batchelder, Bay 34th, Bay 49th, Bay 50th Sts., etc., here.

N. Y., Long Island City—July 26, by N. J. Hayes, comr. Water Supply, Gas & Electricity Municipal Bldg., New York City, mains in Queens and Winchester Blvds., Roosevelt, and 50th Aves., 22nd and 25th Sts., etc., here.

N. Y., Poughkeepsie — July 28, by Bd. Pub. Wks., Eastman Park Mansion, rein.-con. structure and placing pipes, valves, strainers, etc., for additional scrubbers, Poughkeepsie Water Works. Hazen & Whipple, 25 East 43rd St., New York City, consult. engrs.; adv. E. N.-R. July 21.

N. Y., Syracuse—Aug. 1, by Bd. Contr. & Supply, City Hall, A. Smingler, Jr., secy., reservoir for water supply; adv. E. N.-R. July 21. Noted Nov. 18.

Pa., Martinsburg—Aug. 1, by J. H. Nicodemus, secy Boro Council, 2,500 lin.ft. 8 in. mains and replacing gate house at dam, F. M. Hunter, Goldschmid Bldg., Altoona, engr.

La., Columbia—See "Contracts Awarded."

La., Villa Platte—July 25, by City, 200,000 gal. rein.-con. covered reservoir, 5,570 lin.ft. 4- to 8-in. H & S mains, hydrants, etc. H. A. Mentz, Hammond, engr.

O., Columbus—July 30, by O. Moore, clk. Franklin Co., 5,790 ft. 6- to 12-in. c.i. mains in Bexley Heights Truro Twp. $15,000. E. L. Bradbury, Court House Annex, engr.

Mich., Detroit—July 28, by Dept. Pub. Wks., City Hall, 4 vertical electric motor driven pumping units, 500 cu.ft. capacity per sec. against 27 ft. head, with auxiliary equipment. P. A. Fellows, city engr.

Minn., Stillwater — July 29, by L. C. Clarke, engr. & supt. Bd. Water Comn., 204 North 3rd St., 1,000 various sized water meters.

Okla., Weleetka—Aug. 3, by W. W. Griffin, city clk., raising reservoir dam, new levee and spillway. $18,500. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs. Noted May 12.

Calif., Santa Maria—A. H. Drexler, city clk., taking bids 28,300 lin.ft. rein.-con. irrigation, centrifugal rein.-con., electric welded steel 10-gauge steel, or Natl. lap-welded or equal pipe line. H. Neel, Jr., city engr.

Ont., Willowdale—July 25, by H. D. Goode, clk North York Twp., one 600 Imperial g.p.m. centrifugal pump, 330 ft. head, direct connected to electric motor. $5,000. G. Baker, Willowdale, engr.

Contracts Awarded

N. Y., Mohawk—Municipal Comn., ½ m.g. rein.-con. distributing reservoir, etc., to H. W. Bacheler, Herkimer, $19,922. Noted June 2.

La., Columbia—Louisiana Power & Light Co., Pine Bluff, Ark., will build waterworks and distribution system, here, by day labor. $35,000. Private plans.

THESE reports are grouped under each class (water-works, sewers, etc.) and under each stage of the work (proposed, bids desired, etc.), according to the following geographic sections: New England, Middle Atlantic, South, Middle West, between Mississippi and Rocky Mountains, Far West, and Canada.

Where name of official is not given inquiries should be addressed to City Clerk, County Clerk, or corresponding official.

Ia., Massena—H. D. Hancock, city clk., 15,350 ft. 2- to 6 in. c.i. pipe, 22 hydrants, twelve 2- to 6-in., valves and boxes 5,500 lb. specials, 30 000 gal. tank on 55 ft. or 100 ft. tower, 10 x 10 ft. wood pump house, on 12 ft. concrete pit, pumps, etc., to C. W. Roland Co., 1347 8th St., Des Moines.

Neb., Imperial—W. C. Hill, village clk., 15,000 lb. 4 hd. bare and 500 lb. 4 sd. bare copper wire, 2,200 lb. 6, and 3,850 lb. 4 TBWP copper wire, to Midwest General Electric Co., 814 South 14th St., Omaha, $3,511; and oil engine, to Worthington Pump & Machine Corp., 825 Scarrett Bldg., Kansas City, Mo., $18,150. Noted June 2.

Tex., Waco—City will extend 6- to 8-in. c.i. mains in South Waco and in 15th St., by day labor. $15,000. Address W. H. Deaton, city supt.

Calif., San Diego—Water system in Linda Vista Dist., Morena Blvd., etc., to Claude Fisher Co., 756 South B'way, Los Angeles, $94,816. Noted May 19.

Sewers

Proposed Work

Miss., Iuka—Making preliminary surveys complete sanitary sewerage system, disposal plant, etc. Palglaze & Basenberg, Birmingham, engrs.

O., Akron—W. F. Peters, dir. Pub. Serv., takes bids this fall, 7,410 lin.ft. 8- to 42-in. vitr. clay sewer, etc. in Evans St. et al. $69,700. J. E. Root, Municipal Bldg., engr.

O., Canton—Bd. Control plans trunk sewer East of Grace Ave. N.E. $50,000-$100,000. W. E. Sarver, city engr.

Ill., Blue Island—Made plans 3 sewerage systems. $175,000. A. L. Fox, 160 North La Salle St., Chicago, engr.

Ill., Chicago—Sanitary Dist. of Chicago, 910 South Michigan Ave., plans 6 mi. 16 in. concrete relief sewer from 39th to 87th Sts. $6,000,000. E. J. Kelly, 910 South Michigan Ave., engr.

Ill., West Frankfort—Making preliminary plans sewage disposal plant and sanitary sewers in various streets. $200,000. C. A. Cox, City Hall, engr.

Ia., Des Moines—See "Excavation, Drainage, Irrigation, Levees, River and Harbor."

Ia., Grinnell—City takes bids after July 22, complete sewage disposal plant. $65,000. R. B. Slippy, 406 Lafayette Bldg., Waterloo, engr.

Ia., Lowden — Postponed indefinitely 3 mi. 8 and 12 in. sewers and paving 12 blocks various streets. $45,000. H. R. Green Eng. Co., Bever Bldg., Cedar Rapids, engrs. Noted Feb. 3.

Mo., Caruthersville—See "Water Works."

Okla., Claremore — Made preliminary plans sewage disposal plant and new outfall sewers in various streets. $30,000. Long & Co., 1300 Colcord Bldg., Oklahoma City, engrs.

Ore., Salem—Made plans improving and extending sewerage system. $500,000. H. M. Rogers, Court House, engr.

Bids Desired

Mass., Boston—July 25, by Dept. Pub. Wks., sewerage system in River, Arlington and Walter Sts., in Dorchester and Hyde Park. $35,000. J. H. Sullivan, comr.

See proposal advertising on page 131

TRADE **"LEADITE"** MARK

Registered U. S. Pat. Office

Only 51 days between the decision to build an emergency water works plant - - *and the finished job!*

- - the speed with which Leadite jointing can be accomplished contributed to this remarkable feat.

THE line illustrated here is 26,000 ft. of 12" pipe with LEADITE joints.

Owing to the emergency which arose in the city for which the installation was made no trenching could be attempted.

The line lies throughout its entire length on the surface of the ground without any bracing except at the bends.

After completion the line was tested to 260 lbs. pump pressure.

It is now under constant pump working pressure of 230 lbs. For over 30 years now, LEADITE has demonstrated by test and experience that it is absolutely permanent and secure.

Part of the 26,000 ft. installation, crossing an open field. Chas. E. Waddell & Co., Engineers.

Leadite is self-caulking and is so simple to use that the method of using it can be taught to even the most inexperienced help in a very short time.

Added to its speed and ease of use—Leadite saves at least 75% on account of saving in material and labor.

Specify and use LEADITE —it saves at least 75%

Be sure it is LEADITE and accept no imitations~~~

The pioneer self-caulking material for c. i. pipe. Tested and used for over 30 years.

THE LEADITE COMPANY . . Land Title Building . . PHILADELPHIA, PA.

NO CAULKING

Sewers (Continued)

Mass., Boston—July 28, by Dept. Pub. Wks., sewerage system in Hazelton St., Dorchester and Piedmont St., City Proper; July 29, Bowditch St., Roxbury. J. H. Sullivan, comn.

N. Y., Long Island City—July 27, by M. E. Connolly, pres. Queens Boro, Queens Subway Bldg., regulator chamber, installing automatic regulator, also repairing and cleaning overflow chamber at Rust St. and Clark Ave., etc.

N. Y., St. George — See "Streets and Roads."

N. Y., Rye—Aug. 8, by Westchester Co. Sanitary Sewer Comn., 192 Martine Ave., White Plains, constructing Blind Brook Sewer Projects, Sects. A, B, C, D, and E. E. S. Martin, secy.; adv. E. N.-R. July 21.

N. J., Bridgeton—Aug. 2, by C. P. Corey, city clk., City Hall, 2 sewage pumping Stations, Contr. 1; Cohansey River Crossing and force main to treatment plant, Contr. 2; and sewage treatment plant, Contr. 3. Remington & Vosbury, 509 Cooper St., Camden, consult. engrs.; adv. E. N.-R. July 21.

N. J., Newark—July 28, at City Hall, Sect. 3, Supplementary Joint Trunk Sewer in East Orange, Hillside, Irvington, Maplewood, Millburn, Newark, Roselle Park, South Orange, Summit, Union and West Orange. A. Potter, 50 Church St., New York City, engr.; adv. E. N.-R. July 21. Noted June 30.

N. J., Plainfield—Aug. 1, Common Council, City Hall, approximately 8,500 lin.ft. 8 and 10 in. vitr. sewers, etc., in various streets. A. W. Vars, city engr.; adv. E. N.-R. July 21.

N. J., Teaneck (mail West Englewood)—July 26, by Twp. Com., Municipal Bldg., storm drainage system, in Downing St., River and Churchill Rds. A. Noack, 235 Main St., Hackensack, engr.

N. J., Teaneck (mail West Englewood)—July 26, by Twp. Com., Municipal Bldg., Teaneck Rd., 10,000 ft. 8- to 12-in. sewers in various streets, Contr. Y. Sanborn & Bogert, 30 Church St., New York City, consult. engrs.

Pa., Allentown—Aug. 16, at office M. W. Gross, mayor, Central Fire and Police Station, constructing Kline's Island Sewage Treatment Plant, Contr. 1. Metcalf & Eddy, Statler Bldg., Boston, Mass., engrs.; adv. E. N.-R. July 21.

Pa., Lansdale—July 28, by Boro Council, constructing sewage collecting well, pump house, electrically driven pumping equipment, and cast iron force mains; also 5,750 ft. 8- to 12-in. vitr. sewer pipe, etc. Albright & Mebus, 1502 Locust St., Phila., or 112 South Easton Rd., Glenside, engrs.

W. Va., East Rainelle — July 26, by Town, W. W. Martin, mayor, sewerage system, incl. 26 manholes, 400 ft. 6 in. farm tile, 15,371 ft. 6- to 15-in. terra cotta pipe, etc. Plumley-Walters Eng. Co., Bank Commerce Bldg., Charleston, engrs.

Ala., Birmingham — July 30, by City Comn., approximately 2½ mi. brick, c.i. and terra cotta sewers to drain area bounded by east line of Southern Ry., south to Sect. 13, Twp. 17, S., Range 3, W., Mitchells Addition to North Birmingham. $167,000. A. J. Hawkins, city engr.

O., Amherst—July 26, by F. L. Moebius, village clk., sewage disposal plant; adv. E. N.-R. July 21.

O., Akron—July 28, W. F. Peters, dir. Pub. Serv., 18,960 ft. 8- to 24-in. vitr. clay and 7,690 ft. 30- to 75-in. brick or segmental block sewer in Arlington et al. (Weston Rd. Dist.) $273,500. J. F. Root, Municipal Bldg., engr. Noted Mar. 31.

O., Columbus—July 30, by O. Moore, clk. Franklin Co., 17,590 ft. 6- to 20-in. vitr. clay sewer, etc., in Minerva Park, and disposal plant, 7,400 lb. steel, in Mifflin Twp. $90,278. E. L. Bradbury, Court House Annex, engr.

Mich., Detroit—July 27, by Dept. Pub. Wks., backwater gates for East Jefferson Ave. Sewer Dist. P. A. Fellows, City Hall, engr.

Mich., Detroit—July 27, by Comr. Pub. Wks., monolithic concrete or brick sewers, etc., in 2,613 ft., Griggs-Curtis Arm, Sect. 1 north of 6 mi. Rd. Sewer, 2,164 ft. Seven Mile Rd. Arm East, Sect. 1 Hubbell Ave. Sewer, 1,625 ft. Avon Ave. Arm North Grand River Ave. Sewer, 1,858 ft. Grand River Ave. East Berg Rd. Sewer, and 7,830 ft. Pembroke Ave. Arm East Hubbell Sewer; also repairing and extending Dubois St. dock and outlet.

Mich., East Lansing—July 23, by City, B. A. Faunce, clk., constructing Central Relief Sewer and Drain, 6,716 lin.ft. 36- to 60-in. pipe; adv. E. N.-R. July 21.

Ill., Chicago—July 28 (extended date), by H. C. W. Laubenheimer, clk. Sanitary Dist. of Chicago, 910 South Michigan Ave., North Side Intercepting Sewer Contr. 9, 7 river and channel crossings, etc. T. J. Crowe, pres. Noted July 14.

Ia., Maxwell—July 25, by City, E. L. Wood, city clk., sewage disposal plant, 58 manholes, 20,541 ft. 8 and 10 in. sewers in various streets. $40,000. Currie Eng. Co., Webster City, engrs.

Tex., San Antonio—Aug. 1, by State Bd. Control, Austin, H. H. Harrington, chn., improving sewage treatment plant, at State Hospital for Insane, here. Terrell Bartlett, Engineers, 612 Calcasieu Bldg., San Antonio, engrs.

Tex., Terrell—Aug. 1, by State Bd. Control, Austin, improvements and additions to sewerage plant, incl. incineration, etc., here, for Terrell State Hospital. $300,000. Terrell Bartlett, Engineers, Calcasieu Bldg., San Antonio, engrs.

Contracts Awarded

Mass., Beverly—South Essex Sewerage Bd., Fort Ave., Salem, Sect. 8, Rial Trunk Sewer, here, to V. Barletta, 10 Whipple Ave., Roslindale, $72,585; and Sect. 12 of Trunk Sewer, 690 ft. 48 in. iron pipe, to J. H. Ferguson, 289 Chapman St., Providence, R. I., $17,060. Noted June 16.

O., Cleveland—See "Streets and Roads."

O., Cuyahoga Falls — Sewers, etc. in Fairland Allotment, to W. McDowell & Sons Co., 4120 East 104th St., Cleveland, $30,458. Engrs. est. $30,000.

Ill., Dolton—For 8- to 24-in. vitr. tile and 24- to 84-in. concrete sewers in various streets, to Pastoret-Dorsey-Barrett Co., Duluth, Minn., $407,000. Engrs. est. $250,000. Noted Dec. 16.

Waste Disposal

Bids Desired

Wis., Shorewood—Aug. 1, by Village Bd., 30 ton per day, high temperature destructor Dutch oven type municipal garbage incinerator. H. A. Schmitt, village engr.

Bridges

Proposed Work

N. J., New Providence—Bd. Freeholders Union Co., Elizabeth, plans bridge over Passaic River, at Scotch Plains Rd., here. $30,000. J. L. Bauer, Elizabeth, engr.

Va., Danville—Making sketches rebuilding 825 ft. arched concrete, or concrete and steel traffic bridge, 54 ft., recently burned. Election soon $350,000 bonds for same. A. Saville, Madison Farms, Richmond, and C. A. P. Turner, 300 Builders Exch. Bldg., Minneapolis, Minn., engrs.

Ky., Paducah—Harrington, Howard & Ash, engrs., Orear-Leslie Bldg. Kansas City, Mo., takes bids about Aug. 15, 1 span 4,000 ft. bridge, to have 12 concrete piers, 2,400 ft. concrete trestle, 1,520 ft. Cantilever steel span, 20 ft. roadway across Ohio River, here, for Paducah Bd. Trade, C. W. Craig, secy. $2,100,000. Noted Mar. 31 under Kentucky and Illinois.

O., Lisbon—Comrs. Columbiana Co. take bids about Aug. 13, one span concrete bridge on Lincoln Highway near here, $36,000; also concrete bridge over Little Yellow Creek, at Wellsville, $58,000. L. C. Kirk, Lisbon, engr.

Ind., Williamsport—Aug. 1, by Bd. Comrs. Warren Co., Court House, constructing Bridge 282 "High Bridge" and Bridge 283 "Rainsville Bridge." O. K. Albright, co. engr.; adv. E. N.-R. July 21.

Tex., Amarillo—Chicago, Rock Island & Pacific Ry. Co., C. A. Morse, ch. engr, La Salle St. Sta., Chicago, Ill., made plans 2,400 ft. rein.-con. and steel bridge over Canadian River, 152 ft. above water level, here. $1,000,000. Most of construction will be done by day labor.

Bids Desired

N. J., Bridgeboro—Aug. 1, by State Hy. Comn., State House, Trenton, constructing single leaf bascule span bridge, over Rancocas Creek, on Route 2, Burlington Co., here. A. L. Grover, ch. clk.; adv. E. N.-R. July 21. Noted Feb. 24.

Mississippi — July 25, by Bd. Supervs. Jackson Co., Pascagoula, two 210½ ft. steel swing spans, operating machinery, electrical equipment, roadway gates, 61,533 ft. creosoted timber flooring, 865 sq.yd. rock asphalt wearing surface, 2 operators houses, roadway lights and wiring, for bridges over Pascagoula River at Pascagoula and over Dog River at Moss Point. Noted June 9.

Illinois—July 27, by State Dept. Pub. Wks. & Buildings, Div. Highways, Springfield, bridges in Moultrie, Piatt, Douglas, Richland, Monroe, and Madison counties. F. T. Sheets, ch. highway engr.

Ill., Chicago—July 28 (extended date), by H. C. W. Laubenheimer, clk. Sanitary Dist. of Chicago, 910 South Michigan Ave., substructure for double leaf trunnion bascule bridge over Main Drainage Channel of Sanitary Sewer Dist., on line of Crawford Ave., etc. T. J. Crowe, pres. Noted June 30.

Minnesota—July 26, by State Hy. Dept., St. Paul, one 120 ft. and two 50 ft. concrete bridges, also one triple 10 x 10 ft. monolithic culvert, on Rushford-Whalen Rd., State Project 9-21-2, Fillmore Co.

South Dakota—See "Streets and Roads."

Missouri—July 29, by State Hy. Comn., Jefferson City, two 12 ft. rein.-con. slab, one 40 ft. and two 35 ft. rein.-con. deck girder spans, etc. in Audrain Co.; seventeen 20 ft. rein.-con. slab, two 25 and 30 ft. rein.-con. deck girder and one 90 ft. steel truss spans, etc., in Chariton Co.; two 12 ft. rein.-con. slab, three 40 ft. rein.-con. deck girder, one each 60 ft. and 70 ft. steel truss spans, etc. in Cape Girardeau Co.; one 8 ft., two 12 ft., and one 16 ft. rein.-con. slab, three 40 and two 45 ft. rein.-con. deck girder spans, etc. in Lawrence Co.; three 30 ft. rein.-con. deck girder spans in Lincoln Co.; 40 ft. rein.-con. deck girder span in Cooper Co.; two each 12 and 20 ft. rein.-con slab and one 80 ft. steel truss spans in Pike Co. T. H. Cutler, ch. engr. Noted May 26.

Arkansas—See "Streets and Roads."

Oklahoma—July 26, by State Hy. Dept., Oklahoma City (**S.A.P. means State Aid Project**), 3 span 140 ft. rein.-con. trestle bridge S.A.P. 250, near Westville, Adair Co., $30,000; 28 span 470 ft. pile trestle bridge over Red River at Headrick, Kiowa and Jackson Counties, $40,000, 34 span 140 ft. pile trestle bridge S.A.P. 483 at Fairview, Major Co., $40,000; and 1 span 110 ft. steel truss bridge on piers, S.A.P. 494, near Gould, Harmon Co., $30,000. C. R. Mandigo, Capitol Bldg., Oklahoma City, engr.

Calif., Los Angeles—Aug. 1, by Bd. Pub. Wks., 3 span 547 ft. concrete bridge and girder approaches, 56 ft. roadway, etc., over La Canada de la Alison, on 4th and Lorenna Sts. M. Butler, city bridge engr.

Que., Longueil — July 23, by L. E. J. Brais, bridge over River of Montreal in St. Joseph de Chambly Parish, for City. $150,000. I. E. Vallie, Quebec, engr.

Contracts Awarded

Maine—State Hy. Dept., Concord, Jeff Bracket Bridge, in Acton, to Ames Constr. Co., Somersworth, N. H., $23,027; bridge in Cornish, also one in Wells and Kennebunk, to Gulliver Co., 120 Exchange St., Portland, Me., $8,908 and $8,465 respectively; 2 bridges in Newfield, to E. Cyr, Waterville, $11,291; and 3 in Sebago, to J. A. and J. R. Partridge, Portland, $5,674, all concrete.

Rhode Island — State Bd. Pub. Roads, Providence, constructing Pocassett River Bridge 23, in Cranston, to H. M. Soule, 110 Brooks St., Pawtucket, $16,950; and Cottage Home Bridge 225, in Warwick, to Rendle Corp., 271 Marginal St., Chelsea, Mass., $4,100, both concrete and timber.

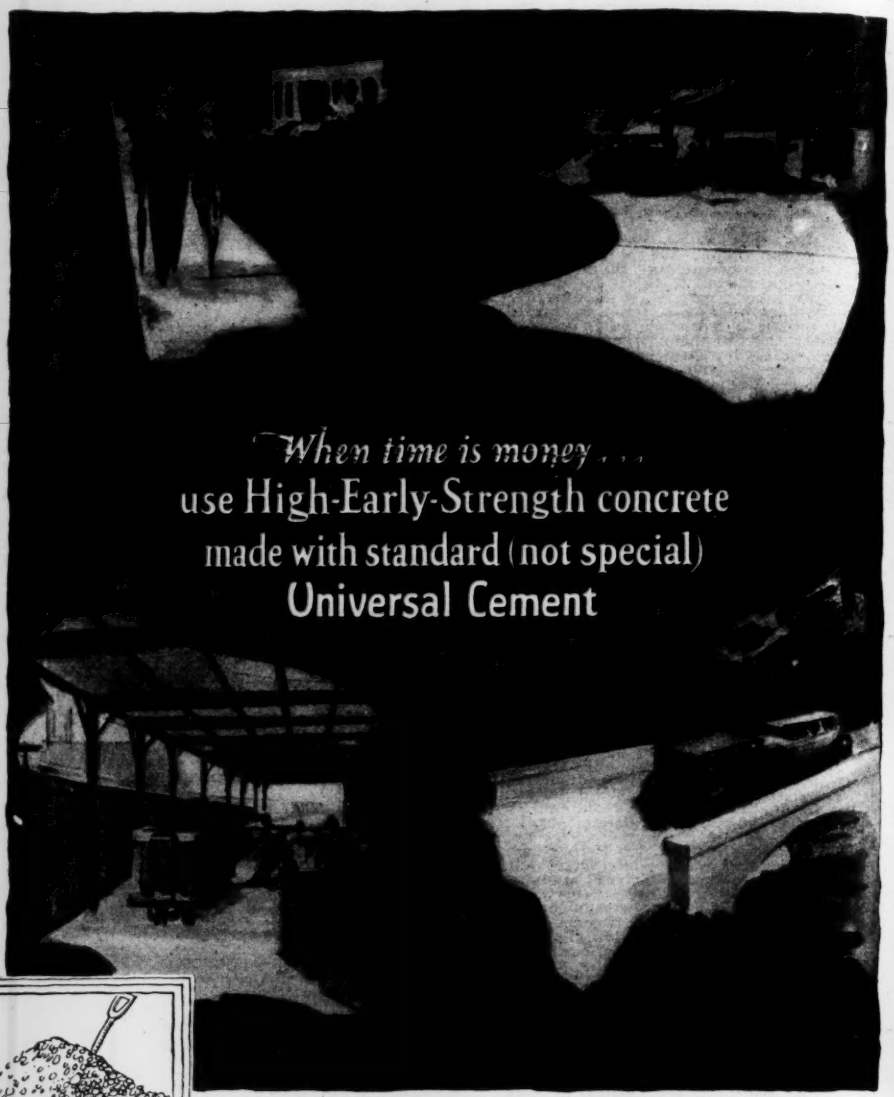
N. Y. Oswego—Oswego Co., A. E. Howard, supt., bridge over southern branch Salmon River at Port Ontario, here, to F. A. Buckland, Inc., 1131 Monroe Ave., Rochester, $43,999.

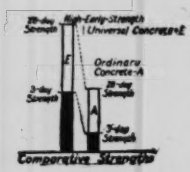
O., Cleveland—Cuyahoga Co., repairing bridge over Rocky River, on Lorain Rd., to Bituminous Constr. Co., Leader Bldg., $74,014. Engrs. est. $77,085. Noted June 16.

Iowa—State Hy. Comn., Ames, (**F. A. P. means Federal Aid Project, and P. B. P. Primary Bridge Project**), 32 x 24 ft. skew deck girder bridge on F. A. P. 52, P. B. P. 241, Audubon Co., to Jensen Constr. Co., Kimball, $5,525, 3 bridges and 20 culverts on P. B. P. 356 and 399, Bremer Co., to A. Olson Constr. Co., Waterloo, $35,640, 2 bridges and 13 culverts on P. B. P. 140, Buchanan Co., to A. F. Johnson, Lockridge, $17,000, and to J. B. Elliott, Independence, $7,524, 2 bridges and 20 culverts on P. B. P. 387, Cass Co., to Lundgren-Reis Co., 65 College St., Des Moines, $43,867, and to E. C. Smith, Rockwell City, $13,582, 1 bridge and 4 culverts on P. B. P. 308, Tama Co., to Zitterel-Swanson, Webster City, $13,830, and 6 culverts on P. B. P. 201, Monroe Co., to Ellis & Jordan, Centerville, $1,696. Grand total $138,664. Noted June 23.

Ia., Dubuque—Dubuque Co., 2 I-beam bridges, 11 culverts and extensions, to

Constr. News page 28





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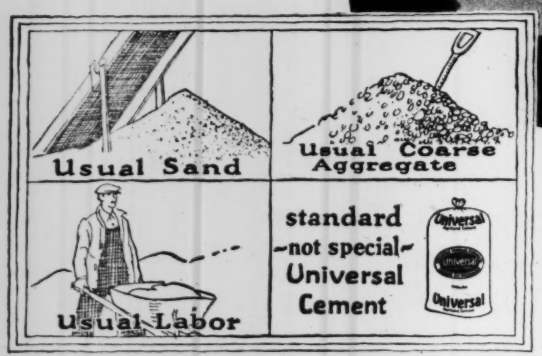

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Not only does this give *early* use of the job, but because such concrete has a higher *ultimate* strength in addition to a higher *early* strength, it also gives *permanently* better and stronger concrete. In securing *early* use, you get a *better* job; in securing a *better* job you get *early* use; in either case, you get both when you use *High-Early-Strength* Universal Concrete.

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